

**Town of Haymarket
Architectural Review Board
Regular Meeting
1/18/2017 7:00 PM
Council Chambers**

Town Hall 15000 Washington Street, #100 Haymarket, VA 20169

The next meeting of the Town of Haymarket Architectural Review Board is to be held Wednesday, January 18, 2017 at 7:00 p.m. Town Hall.

Draft Agenda:

1. Call to Order
2. Pledge of Allegiance
3. Approval of Minutes
 - a. December 28th 2016 – rescheduled meeting
2. Citizens Time
3. Certificate of Appropriateness
 - a. 6680 Fayette Street (A Dog's Day Out) – New building on vacant property
 - b. 15151 Washington Street (Haymarket Iceplex) – Lighting at building
4. Announcements
 - a. New Zoning Ordinance Draft Update
5. New Business
6. Old Business
 - a. Town Welcome Sign(s) - discussion
6. Adjournment

RECEIVED
DEC 28 2016
TOWN OF HAYMARKET



REC 2016
DEC 28 2016
TOWN OF HAYMARKET

ZONING PERMIT APPLICATION

ZONING PERMIT #: 3p 2016-038

NOTE: This application must be filled out completely and all components of submission requirements must be met before the application can be accepted and scheduled for review/hearing.

ZONING ACTIVITY: New Construction Alteration/Repair Addition Sign (See Spec sheet)
(Check all that apply) New Tenant/Use Change of Use Relocation

NAME OF BUSINESS/APPLICANT: A Dog's Day Out Haymarket, Inc./ Jim & Andrea Payne

PROPOSED USE: Dog Daycare/Boarding/Grooming Size (Sq. Ft./Length) of Construction: 5,000 Sqft

SITE ADDRESS: 6680 Fayette Street, Haymarket, VA Parcel ID #: 7298-80-6954

Subdivision Name: n/a Lot Size: 1.0 ACRE

ZONING DISTRICT: R-1 R-2 B-1 B-2 I-1 C-1

Special Use Permit Required: Yes No

Site Plan Required: Yes No

Off-street Parking: Spaces Required: 12 Spaces Provided: _____

BRIEF DESCRIPTION OF ACTIVITY: (i.e. previous use, height/length of fencing, deck specs, etc.)

Conversion of empty 1.0 Acre lot recently rezoned from R-1 to B-1 developed 5,000 sqft one story pre-manufactured metal building with a brick apron and wrap around porch.

Supporting Documentation (attached): Narrative Plan/Plat Specification Sheet

FEE: \$25.00 Residential \$50.00 Commercial

PAID DEC - 6 2016

CERTIFICATE OF APPROPRIATENESS

ADDITIONAL DESCRIPTION: (i.e. color, type of material, font style, etc. See Sign Spec Sheet for Signage detail)

Supporting Documentation (attached): Specification Sheet Photograph(s)

PERMIT HOLDER INFORMATION			PROPERTY OWNER INFORMATION		
Name			Name		
Address			Address		
City	State	Zip	City	State	Zip
Phone#	Email		Phone#	Email	

APPLICANT / PROPERTY OWNER SIGNATURE

*******REQUIRED*******

I, as owner or authorized agent for the above-referenced parcel, do hereby certify that I have the authority to make the foregoing application and that the information provided herein is correct. Construction of improvements described herein and as shown on the attached plat, plan and/or specifications will comply with the ordinances of the Town of Haymarket and any additional restrictions and/or conditions prescribed by the Architectural Review Board (ARB), Planning Commission, or the Town Council and all other applicable laws.

Andrea B Payne
Applicant Signature

Property Owner Signature

*****OFFICE USE ONLY*****

Date Filed: 12-28-16 Fee Amount: 50 Date Paid: 12-28-16

DATE TO ZONING ADMINISTRATOR: 1/6/2017

APPROVED DISAPPROVED TABLED UNTIL: _____ DEFERRED UNTIL: _____

CONDITIONS: _____
SIGNATURE _____ PRINT _____

DATE TO ARCHITECTURAL REVIEW BOARD (ARB): _____

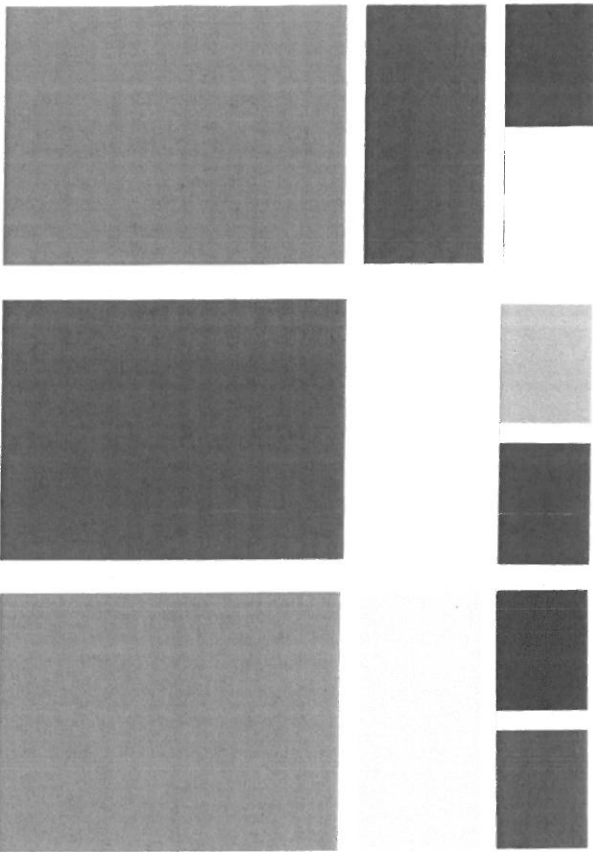
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CONDITIONS: _____
SIGNATURE _____ PRINT _____

DATE TO TOWN COUNCIL (IF APPLICABLE): _____

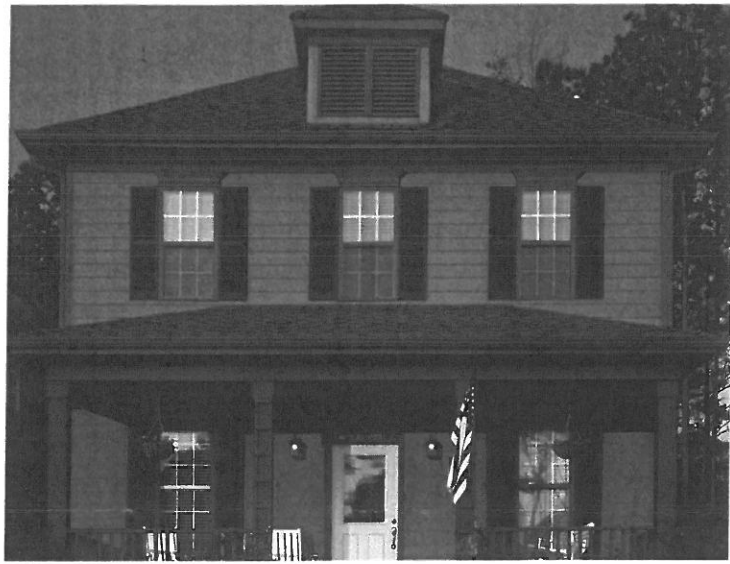
APPROVED DISAPPROVED TABLED UNTIL: _____ DEFERRED UNTIL: _____

TOWN COUNCIL {where required}: _____
CONDITIONS: _____
SIGNATURE _____ PRINT _____



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BODY	TRIM	ACCENT	ACCENT 2
Downing Stone SW 2821	Sage Green Light SW 2851	Roycroft Bronze Green SW 2846	Classic Light Buff SW 0050
Rookwood Clay SW 2823	Pure White SW 7005	Downing Sand SW 2822	Teal Stencil SW 0018
Downing Straw SW 2813	Roycroft Vellum SW 2833	Roycroft Pewter SW 2848	Classic French Gray SW 0077

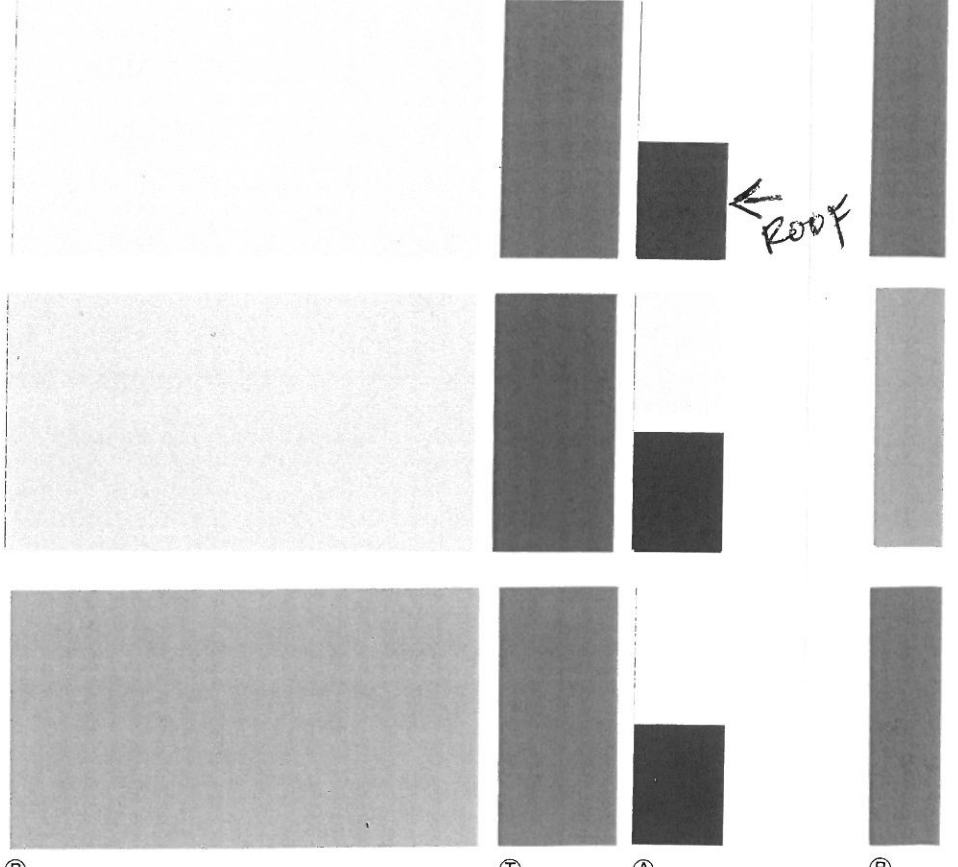


BI
Needle SW
Chels SW
Downi SW

body *black*



	TRIM	ACCENT	ACCENT 2
White	Roycroft Suede SW 2842	Creamy SW 7012	Bunglehouse Blue SW 0048
Dark	Rookwood Antique Gold SW 2814	Classical White SW 2829	Roycroft Bottle Green SW 2847
Gray	Downing Stone SW 2821	Extra White SW 7006	Rookwood Dark Red SW 2801



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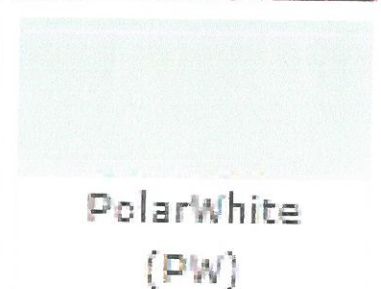
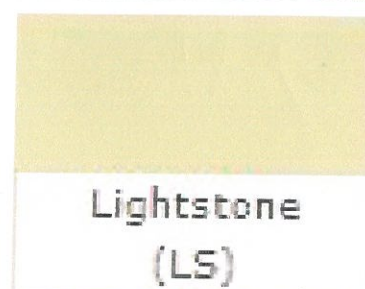
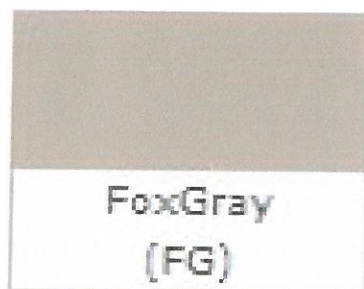
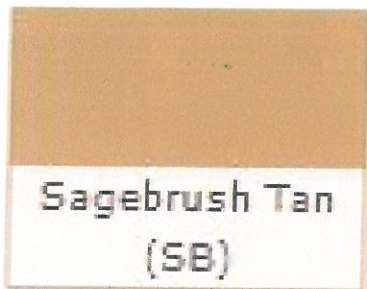
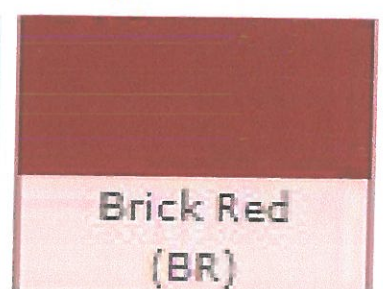
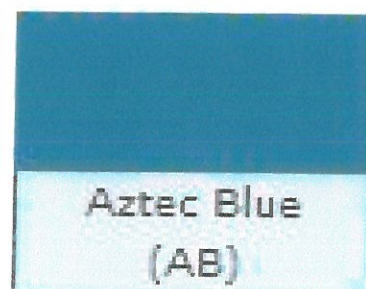
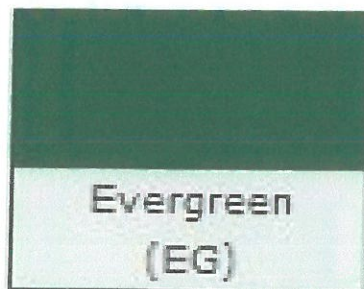
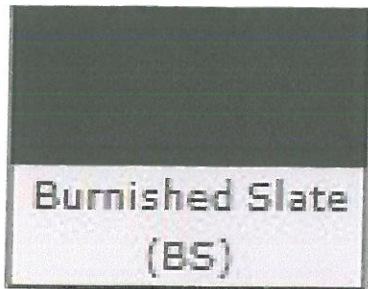
Roof

Walls & Downspouts

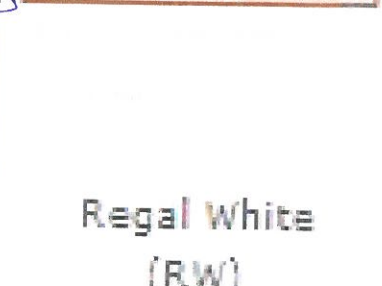
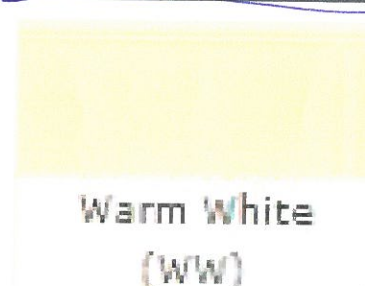
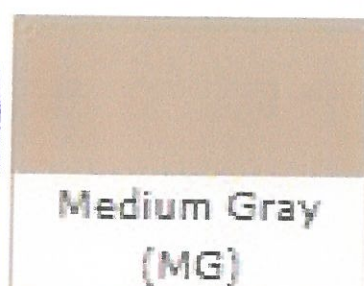
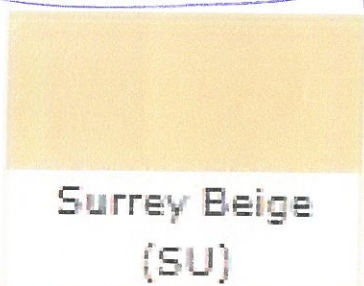
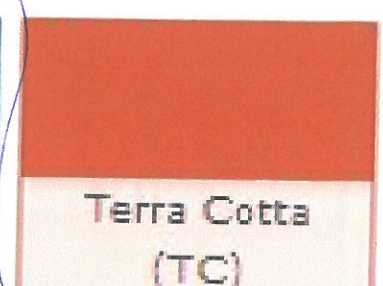
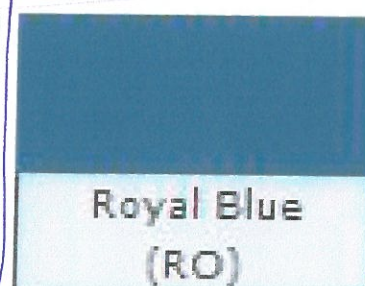
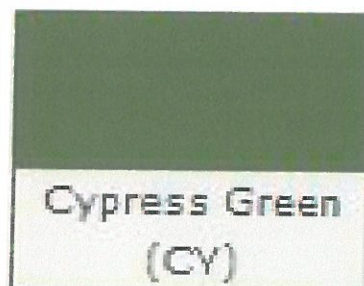
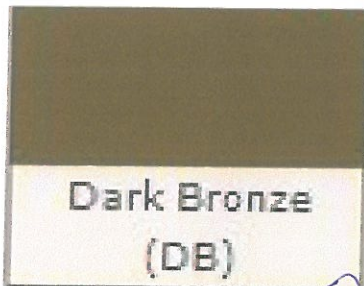
Wainscot

Trim

Nucor SP (Silicone Polyester) Color Systems



Nucor PVDF Panel Paint Systems



Galvalume



Galvalume
(GM)

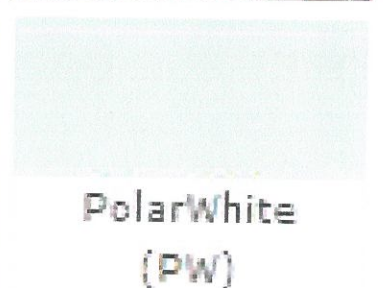
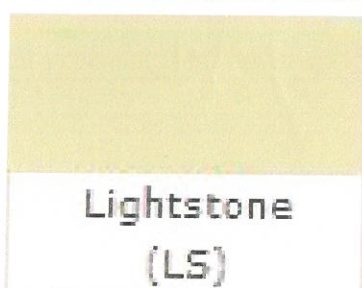
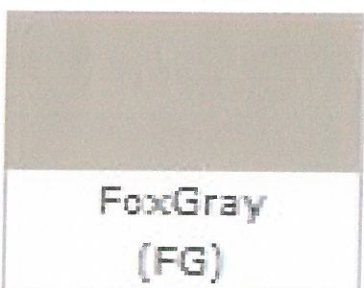
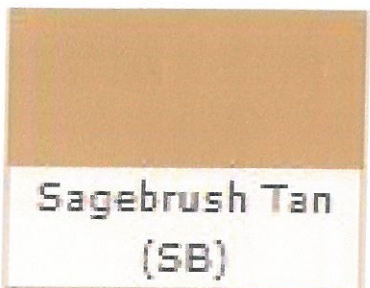
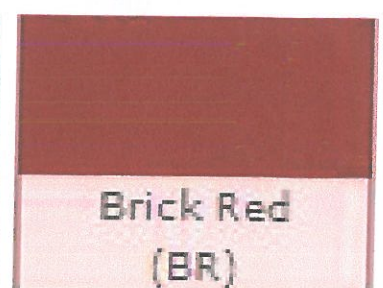
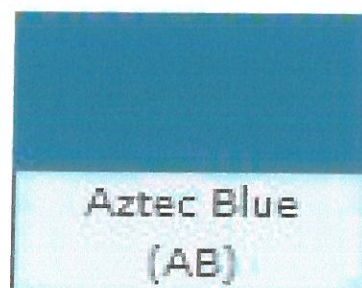
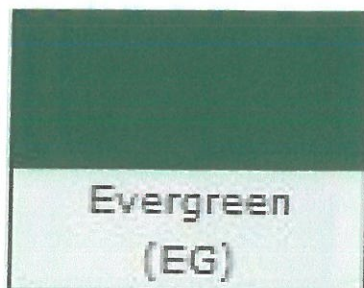
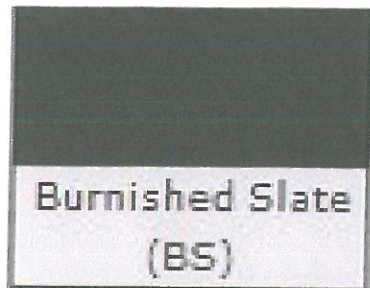
Roof

Walls & Downspouts

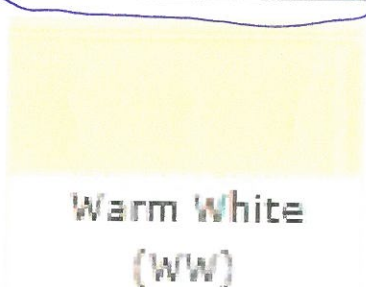
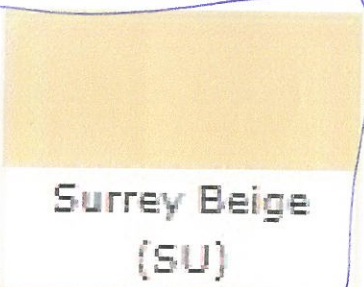
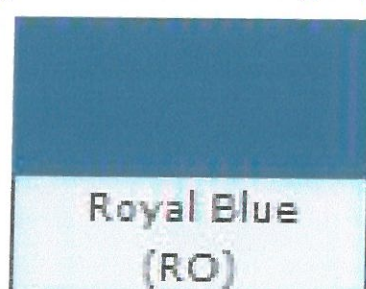
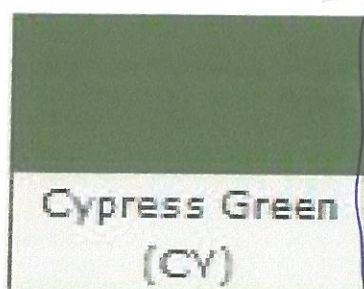
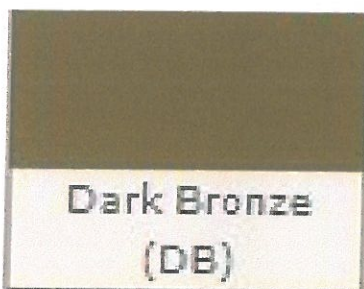
Wainscot

Trim

Nucor SP (Silicone Polyester) Color Systems



Nucor PVDF Panel Paint Systems



Galvalume



Roof

Walls & Downspouts

Wainscot

Trim

Nucor SP (Silicone Polyester) Color Systems



Nucor PVDF Panel Paint Systems

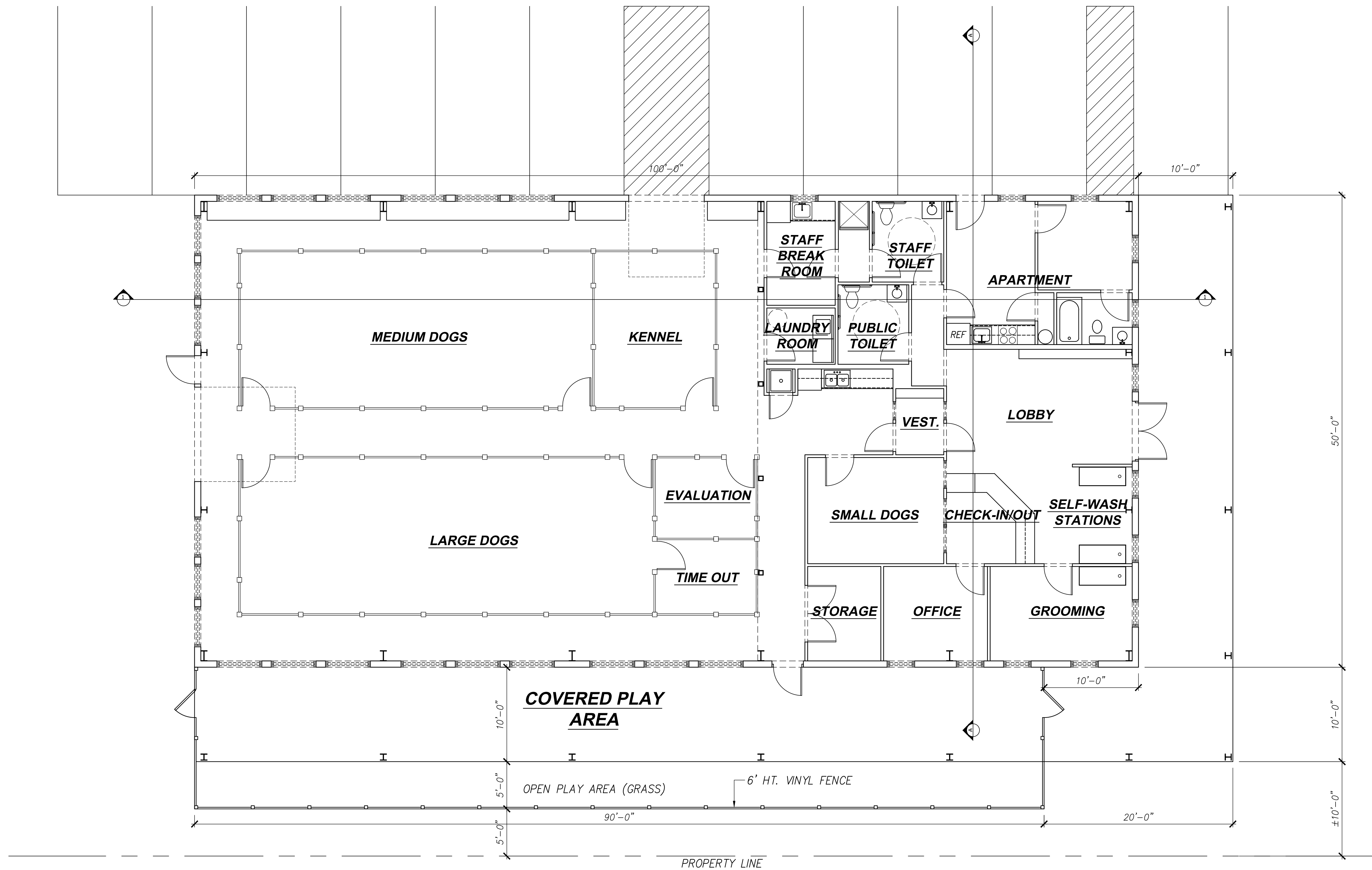


Galvalume



Galvalume
(GM)

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OVERALL FLOOR PLAN
SCALE: 3/16"=1'-0"

SEAL

ISSUED FOR REVIEW
12-23-16

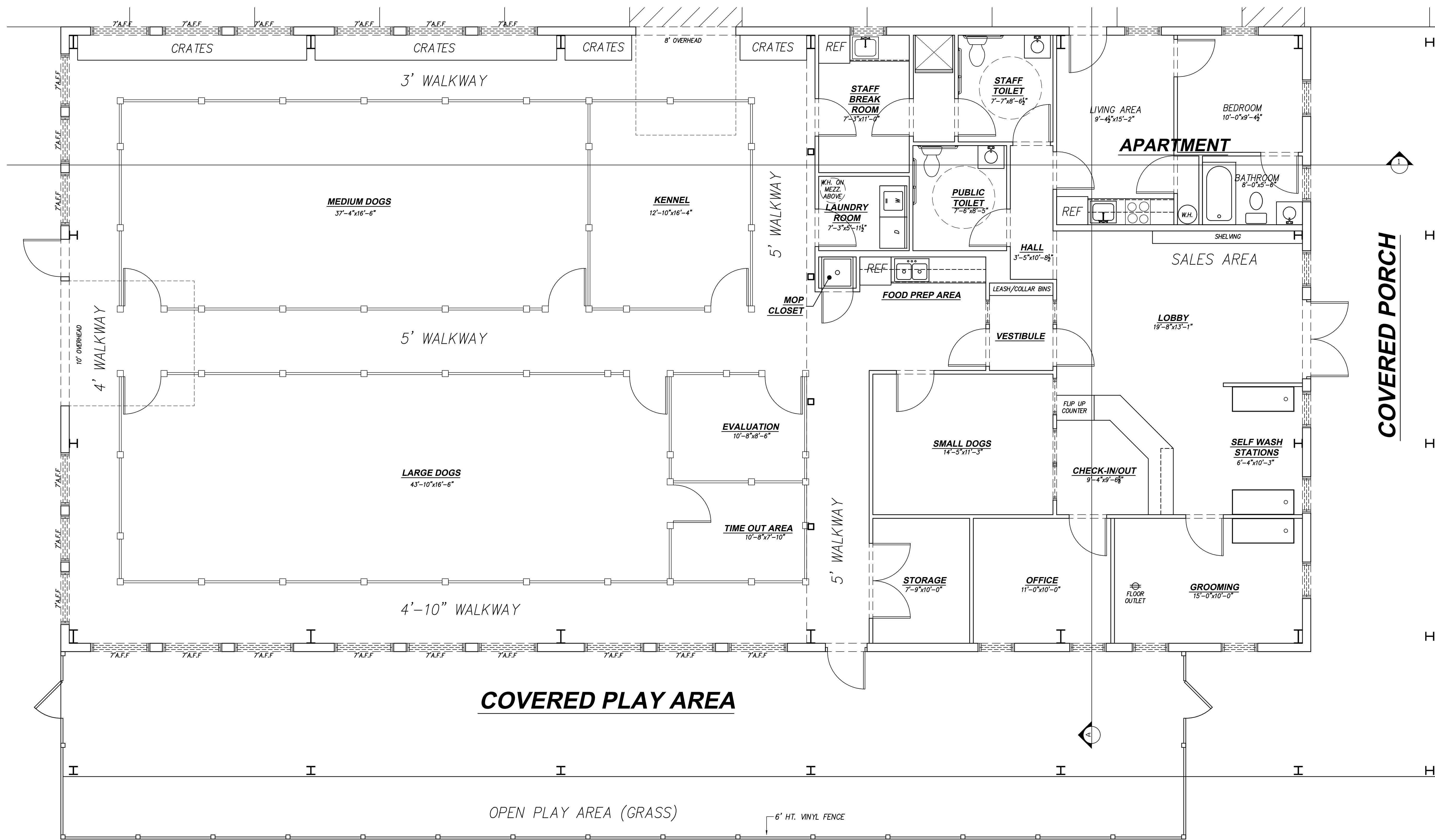
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sewain@aol.com
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ADD O HAYMARKET
FAYETTE STREET
HAYMARKET VIRGINIA

OVERALL FLOOR PLAN

DATE 12-23-16
SHEET NO. **A1**

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FLOOR PLAN
SCALE: 1/4"=1'-0"

SEAL

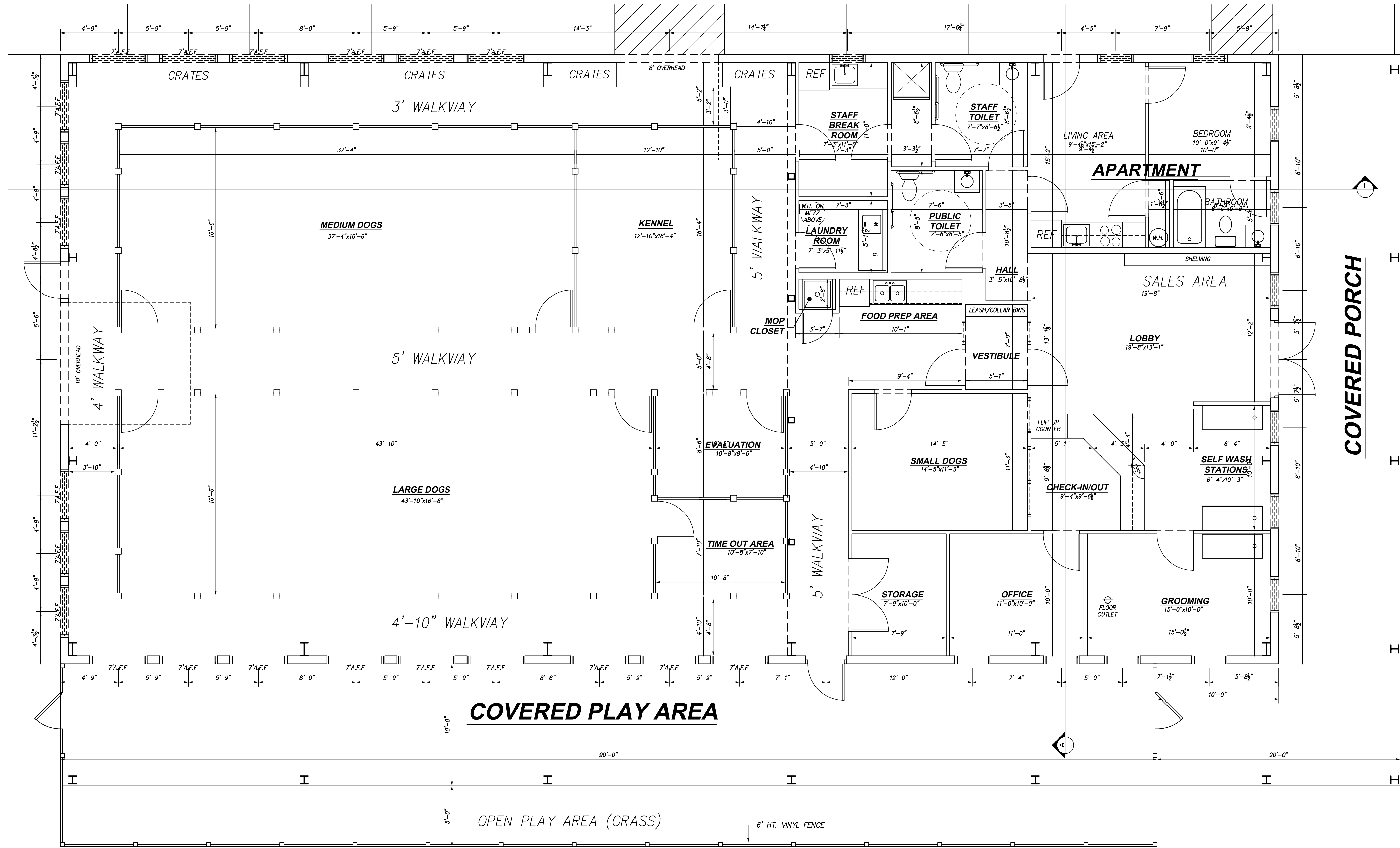
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ADDO HAYMARKET
FAYETTE STREET
HAYMARKET VIRGINIA
FLOOR PLAN

DATE
12-23-16
SHEET NO.
A2

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DETAILED FLOOR PLAN
SCALE: 1/4"=1'-0"

SEAL

ISSUED FOR REVIEW
12-23-16

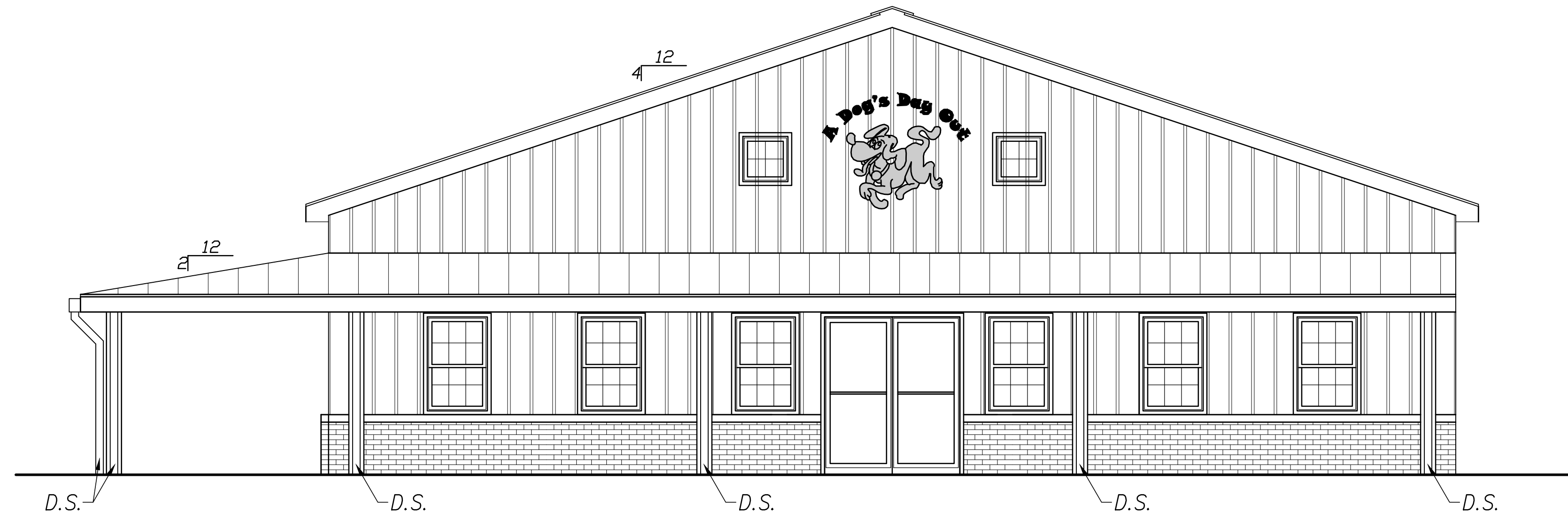
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ADDO HAYMARKET
FAYETTE STREET
HAYMARKET
VIRGINIA

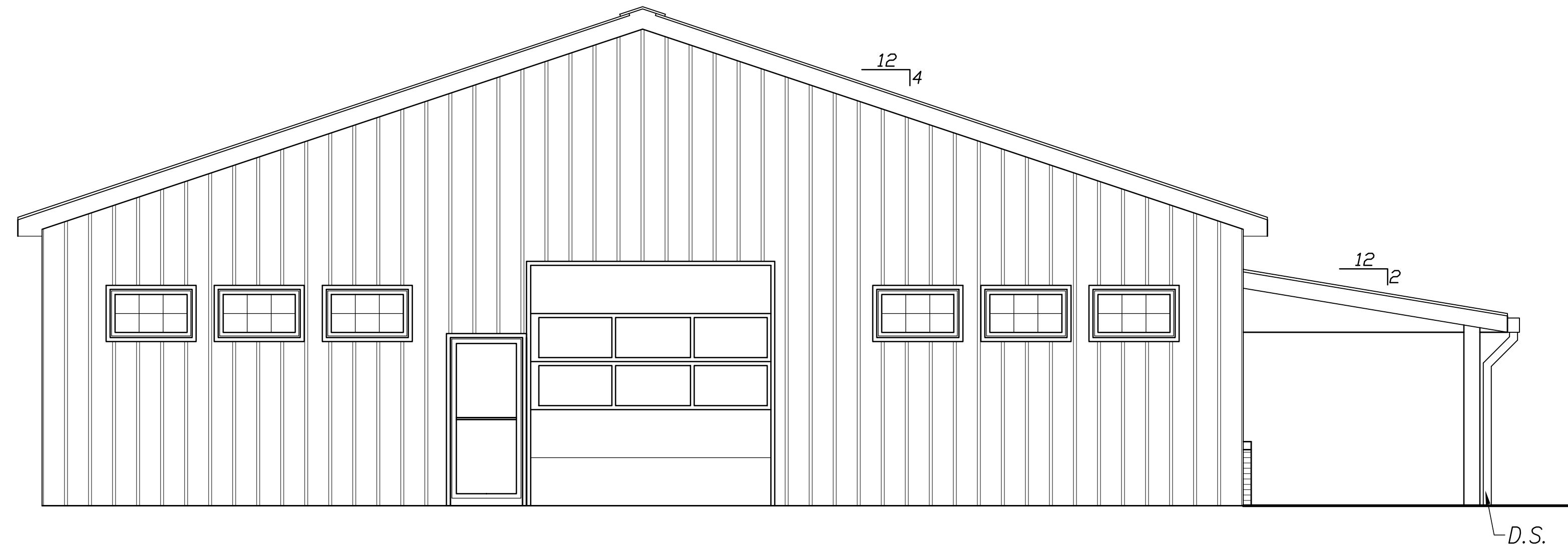
ADDO HAYMARKET
FAYETTE STREET
HAYMARKET
VIRGINIA
DETAILED FLOOR PLAN

DATE
12-23-16
SHEET NO.
A3

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FAYETTE ST. ELEVATION
SCALE: 1/4"=1'-0"



REAR ELEVATION
SCALE: 1/4"=1'-0"

SEAL

ISSUED FOR REVIEW
12-23-16

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ADDO HAYMARKET
FAYETTE STREET
HAYMARKET VIRGINIA
FAYETTE ST. & BACK ELEVATIONS

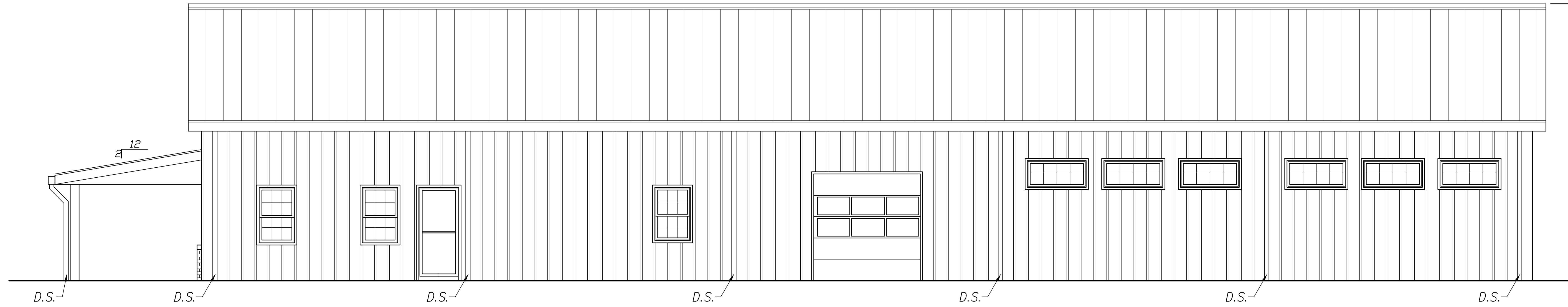
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LEFT ELEVATION
SCALE: 1/4"=1'-0"



RIGHT ELEVATION
SCALE: 1/4"=1'-0"

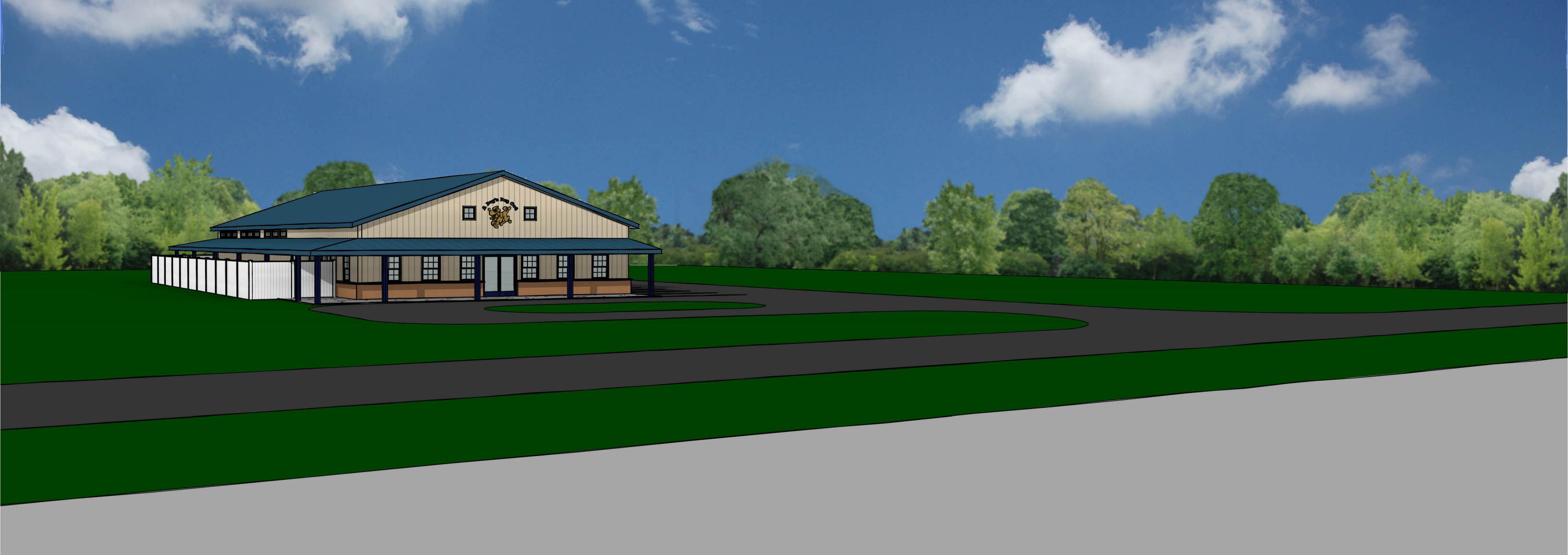
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ADDO HAYMARKET
FAYETTE STREET
HAYMARKET VIRGINIA
LEFT & RIGHT ELEVATIONS

DATE
12-23-16
SHEET NO.
A5





PAID JAN - 5 2017
Check no. 4091



RECEIVED
JAN 05 2017
TOWN OF HAYMARKET

ZONING PERMIT APPLICATION

ZONING PERMIT #: 3P2017-001

NOTE: This application must be filled out completely and all components of submission requirements must be met before the application can be accepted and scheduled for review/hearing.

ZONING ACTIVITY: New Construction Alteration/Repair Addition Sign (See Spec sheet)
(Check all that apply) New Tenant/Use Change of Use Relocation

NAME OF BUSINESS/APPLICANT: Haymarket Iceplex Expansion, Applicant: Stephen E. Wagner

PROPOSED USE: A-4, Ice Rink Size (Sq. Ft./Length) of Construction: 32,732 sf

SITE ADDRESS: 15151 Washington Street Parcel ID #: 7298-80-0117

Subdivision Name: _____ Lot Size: 4.9411

ZONING DISTRICT: R-1 R-2 B-1 B-2 I-1 C-1

Special Use Permit Required: Yes No

Site Plan Required: Yes No

Off-street Parking: Spaces Required: 201 Spaces Provided: 204

BRIEF DESCRIPTION OF ACTIVITY: (i.e. previous use, height/length of fencing, deck specs, etc.)

ARB Approval of exterior building lighting

Supporting Documentation (attached): Narrative Plan/Plat Specification Sheet

FEE: \$25.00 Residential \$50.00 Commercial

CERTIFICATE OF APPROPRIATENESS

ADDITIONAL DESCRIPTION: (i.e. color, type of material, font style, etc. See Sign Spec Sheet for Signage detail)

ARB Approval of exterior building lighting. See attached specs & elevations

Supporting Documentation (attached): Specification Sheet Photograph(s)

PERMIT HOLDER INFORMATION			PROPERTY OWNER INFORMATION		
Name			Wood Village LLC C/O Daisy Wood		
Address			14202 Lee Highway		
City	State	Zip	City	State	Zip
Phone#			daisywood@yahoo.com		
Email			Phone#		
			Email		

APPLICANT / PROPERTY OWNER SIGNATURE

*******REQUIRED*******

I, as owner or authorized agent for the above-referenced parcel, do hereby certify that I have the authority to make the foregoing application and that the information provided herein is correct. Construction of improvements described herein and as shown on the attached plat, plan and/or specifications will comply with the ordinances of the Town of Haymarket and any additional restrictions and/or conditions prescribed by the Architectural Review Board (ARB), Planning Commission, or the Town Council and all other applicable laws.

Applicant Signature Stephen E Wagner

Property Owner Signature _____

*****OFFICE USE ONLY*****

Date Filed: 1/5/17 Fee Amount: \$50.00 Date Paid: 1/5/17

DATE TO ZONING ADMINISTRATOR: _____

APPROVED DISAPPROVED TABLED UNTIL: _____ DEFERRED UNTIL: _____

SIGNATURE

PRINT

CONDITIONS:

DATE TO ARCHITECTURAL REVIEW BOARD (ARB): _____

APPROVED DISAPPROVED TABLED UNTIL: _____ DEFERRED UNTIL: _____

SIGNATURE

PRINT

CONDITIONS:

DATE TO TOWN COUNCIL (IF APPLICABLE): _____

APPROVED DISAPPROVED TABLED UNTIL: _____ DEFERRED UNTIL: _____

TOWN COUNCIL (where required):

SIGNATURE

PRINT

CONDITIONS:

Submitting Agency:

Federated Lighting
P: 301-249-0800

Description: **WST 150M WT TB SCWA LPI**
Project: **HAYMARKET ICEPLEX ICE ARENA**
Notes:

Type:

A



FEATURES & SPECIFICATIONS

INTENDED USE — For building- and wall-mounted applications.

CONSTRUCTION — Rugged, die-cast, single-piece aluminum housing. Die-cast door frame has a 1/8" thick tempered glass lens. Door frame is fully gasketed with one-piece solid silicone.

OPTICS — Segmented reflectors for superior uniformity and control. Reflectors are interchangeable. Three full cutoff distributions available: FT (forward throw), MD (medium throw) and WT (wide throw).

ELECTRICAL — Ballast: 50W-150W utilizes a high reactance, high power factor ballast. Metal halide 150W and below are standard with pulse-start technology. 35S utilizes a reactance high power factor ballast. 175W utilizes a constant-wattage autotransformer ballast. CSA, NOM or INTL required for probe start shipments outside of the US for 175M. Not available 175M SCWA. Ceramic metal halide lamps are recommended for use in applications where superior color rendition, lumen maintenance and longer lamp life are desired. Quick disconnect plug easily disconnects reflector from ballast. Ballasts are 100% factory-tested.

Socket: Porcelain, medium-base socket with copper alloy, nickel-plated screw shell and center contact. UL listed 660W, 660V 4KV pulse rated.

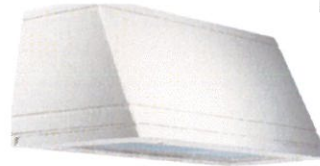
Finish: Standard finish is textured dark bronze (DDBT) corrosion-resistant polyester powder finish. Additional architectural colors are available. Striping is also available.

INSTALLATION — Universal mounting mechanism with integral mounting support allows fixture to hinge down.

LISTINGS — UL Listed (standard). CSA Certified (see Options). Suitable for wet locations (damp location listed in lens-up orientation). WLU option offers wet location listing in up orientation (see Options). IP65 rated. 25°C ambient. ELED: U.S. Patent No. 7,737,640.

WARRANTY — 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.



Decorative Wall-Mounted Lighting

WST

METAL HALIDE: 50W-175W
HIGH PRESSURE SODIUM: 35W-150W

Specifications

Length: 16-1/4 (41.2)
Depth: 9-1/8 (23.2)
Overall Height: 7-1/4 (18.4)
*Weight: 30 lbs (13.6 kg)



All dimensions are inches (centimeters) unless otherwise indicated.
*Weight as configured in example below.



Compatible with LEDS™ and
& lower wattage LED lamps.
www.acuitybrands.com/led

ORDERING INFORMATION For shortest lead times, configure product using **standard options (shown in bold)**.

Example: WST 100M FT TB LPI

WST	150M	WT	TB	SCWA		
Series	Wattage/source	Distribution	Voltage	Ballast	Mounting	Options
WST	High pressure sodium Metal halide Ceramic metal halide 50M 70M 100M 150M	FT Forward throw MD Medium throw (coated lamp std.) WT Wide throw	120 208 ³ 240 ³ 277 347 TB⁴ 230/50HZ ²	(blank) Magnetic ballast CWI Constant wattage isolated Pulse Start SCWA Super CSA pulse start ballast ⁶	(blank) Surface mount Shipped separately ⁷ BBW Surface mount back box UTS Uptilt 5 degrees	Shipped installed in fixture SF Single fuse (120, 277, 347V) ⁸ DF Double fuse (208, 240V) ⁸ DC12 Emergency circuit 12-volt (35W lamp included) ⁹ 2DC12 Emergency circuit 12-volt (two 35W lamps included) ⁹ DC2012 Emergency circuit 12-volt (20W lamp included) ⁹ 2DC2012 Emergency circuit 12-volt (two 20W lamps included) ⁹

Options (continued)					Finish ⁹	LPI
ELED	Emergency LED secondary source battery pack with time delay (-4°F min. operating temperature) ¹²	QRS	Quartz restrike system ^{13, 15}	Shipped separately ¹¹	(blank) Dark bronze, textured	LPI Lamp included
2ELED	Emergency LED secondary source (two modules) battery pack with time delay (-4°F min. operating temperature) ¹⁸	WLU	Wet location door for up orientation	WG Wire guard	DSST Sandstone, textured	L/LP Less lamp
DFL	Diffusing lens	CSA	CSA certified	VG Vandal guard	DNAT Natural aluminum, textured	
EC	Emergency circuit ^{13, 17}	NOM	NOM certified ⁹		DWHG White, textured	
IBS	Internal backlight shield ¹³	INTL	International shipment for 175M		DBLB Black, textured	
PE	Photoelectric cell-button type (n/a TB) ¹⁴				CRT Non-stick protective coating ¹⁷	
					Super Durable Finishes	
					DDBXD Dark bronze	
					DBLXD Black	
					DNAXD Natural aluminum	
					DWHXD White	
					DDBTXD Textured dark bronze	
					DBLBXD Textured black	
					DNATXD Textured natural aluminum	
					DWHGXD Textured white	

Submitting Agency:

Federated Lighting
P: 301-249-0800

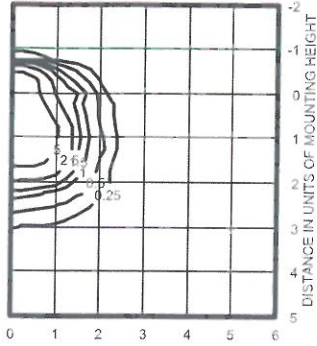
Description: **WST 150M WT TB SCWA LPI**
Project: **HAYMARKET ICEPLEX ICE ARENA**
Notes:

Type:

A

WST Metal Halide, High Pressure Sodium Wall Mounted

WST 150MHC FT LTL11069P
ISOILLUMINANCE PLOT (Footcandle)



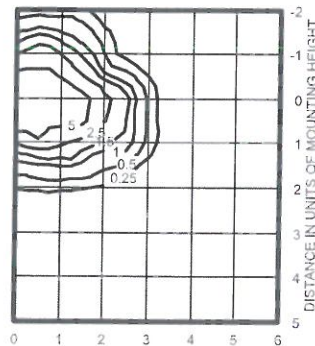
150W pulse start metal halide lamp, horizontal lamp orientation Footcandle values based on 12' mounting height, 14000 rated lumens.
Luminaire Efficiency: 52.9%

WST 150MHC MD LTL11068P
ISOILLUMINANCE PLOT (Footcandle)



150W pulse start metal halide lamp, horizontal lamp orientation Footcandle values based on 12' mounting height, 12500 rated lumens.
Luminaire Efficiency: 60.2%

WST 150MHC WT LTL11070P
ISOILLUMINANCE PLOT (Footcandle)



150W pulse start metal halide lamp, horizontal lamp orientation Footcandle values based on 12' mounting height, 14000 rated lumens.
Luminaire Efficiency: 62.5%

Lamp	Initial lumens	Mounting height			
		10'	12'	14'	16'
Metal Halide					
50W MH	3,900	0.43	0.30	0.22	0.17
70W MH	5,500	0.62	0.43	0.31	0.24
100W MH	8,500	0.95	0.66	0.48	0.37
150W MH	12,500	1.41	0.98	0.72	0.55
175W MH	12,800	1.44	1.0	0.73	0.56
High Pressure Sodium					
35W HPS	1,250	0.26	0.18	0.13	0.10
50W HPS	4000	0.45	0.31	0.23	0.17
70W HPS	6,400	0.72	0.50	0.37	0.28
100W HPS	9,500	1.07	0.74	0.54	0.41
150W HPS	16,000	1.80	1.25	0.91	0.70

Emergency Option Lamp Compatibility							
Lamp options	DC12	2DC12	DC2012	2DC2012	EC	ELED	2ELED
# of lamps/wattage							
35S	■	■	■	■	■	■	■
50S	■	■	■	■	■	■	■
70S	■	■	■	■	■	■	■
100S	■	■	■	■	■	■	■
150S	■	■	■	■	■	■	■
50M	■	■	■	■	■	■	■
70M	■	■	■	■	■	■	■
100M	■	■	■	■	■	■	■
150M	■	■	■	■	■	■	■
175M	■	■	■	■	■	■	■

Notes

- 120V
- These wattages do not comply with California Title 20 regulations.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120, 208, 240, 277V); (120, 277, 347V in Canada, ships as 120V/347V).
- Consult factory for available wattages.
- Available with 150M or 150MHC only.
- May be ordered as an accessory with prefix 'WS'. Must specify finish.
- Not available with DC options.
- Not available with ELED, SE, DF, EC or QRS.
- Maximum wattage 100M, 70S. Must specify 120V or 277V. Not available with QRS, EC or DC.
- Maximum allowable wattage lamp included.
- Not available with ELED, QRS or DCs.
- Not available with medium throw (MG, MDU, MDUS) distributions.
- Must be ordered with fixture; cannot be field installed.
- Not available with ELED, EC or DCs.
- See www.lithonia.com/archcolors for additional color options.
- Black finish only.
- Must be specified. ULP not available with MHC.



WST_M_S

Submitting Agency:

Federated Lighting
P: 301-249-0800

Description: **WST 150M FT TB SCWA LPI**
Project: **HAYMARKET ICEPLEX ICE ARENA**
Notes:

Type:

B



FEATURES & SPECIFICATIONS

INTENDED USE — For building- and wall-mounted applications.

CONSTRUCTION — Rugged, die-cast, single-piece aluminum housing. Die-cast door frame has a 1/8" thick tempered glass lens. Door frame is fully gasketed with one-piece solid silicone.

OPTICS — Segmented reflectors for superior uniformity and control. Reflectors are interchangeable. Three full cutoff distributions available: FT (forward throw), MD (medium throw) and WT (wide throw).

ELECTRICAL — Ballast: 50W-150W utilizes a high reactance, high power factor ballast. Metal halide 150W and below are standard with pulse-start technology. 355 utilizes a reactance high power factor ballast. 175W utilizes a constant-wattage autotransformer ballast. CSA, NOM or INTL required for probe start shipments outside of the US for 175M. Not available 175M SCWA. Ceramic metal halide lamps are recommended for use in applications where superior color rendition, lumen maintenance and longer lamp life are desired. Quick disconnect plug easily disconnects reflector from ballast. Ballasts are 100% factory-tested.

Socket: Porcelain, medium-base socket with copper alloy, nickel-plated screw shell and center contact. UL listed 660W, 600V 4KV pulse rated.

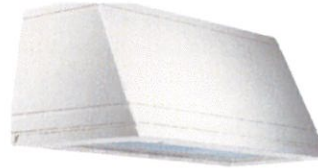
Finish: Standard finish is textured dark bronze (DDBT) corrosion-resistant polyester powder finish. Additional architectural colors are available. Striping is also available.

INSTALLATION — Universal mounting mechanism with integral mounting support allows fixture to hinge down.

LISTINGS — UL Listed (standard). CSA Certified (see Options). Suitable for wet locations (damp location listed in lens-up orientation). WLU option offers wet location listing in up orientation (see Options). IP65 rated. 25°C ambient. ELED: U.S. Patent No. 7,737,640.

WARRANTY — 1-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.



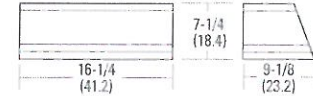
Decorative Wall-Mounted Lighting

WST

METAL HALIDE: 50W-175W
HIGH PRESSURE SODIUM: 35W-150W

Specifications

Length: 16-1/4 (41.2)
Depth: 9-1/8 (23.2)
Overall Height: 7-1/4 (18.4)
*Weight: 30 lbs (13.6 kg)



All dimensions are inches (centimeters) unless otherwise indicated.
*Weight as configured in example below.



ORDERING INFORMATION

For shortest lead times, configure product using **standard options (shown in bold)**.

Example: WST 100M FT TB LPI

WST	150M	FT	TB	SCWA				
Series	Wattage/source	Distribution	Voltage	Ballast	Mounting	Options		
WST	High pressure sodium 35S ¹ 50S 70S 100S 150S	Metal halide 50M 70M 100M 150M ² 175M ²	Ceramic metal halide 50MHC 70MHC 100MHC 150MHC	FT Forward throw MD Medium throw (coated lamp std.) WT Wide throw	120 208 ³ 240 ⁴ 277 347 TB⁴ 230/50HZ ²	(blank) Magnetic ballast CWI Constant wattage isolated Pulse Start SCWA Super CSA pulse start ballast ⁵	(blank) Surface mount Shipped separately ⁷ BBW Surface mount back box UTS Upright 5 degrees	Shipped installed in fixture SF Single fuse (120, 277, 347V) ⁸ DF Double fuse (208, 240V) ⁸ DC12 Emergency circuit 12-volt (35W lamp included) ⁹ 2DC12 Emergency circuit 12-volt (two 35W lamps included) ⁹ DC2012 Emergency circuit 12-volt (20W lamp included) ⁹ 2DC2012 Emergency circuit 12-volt (two 20W lamps included) ⁷

Options (continued)				Finish ¹⁶	LPI
ELED	Emergency LED secondary source battery pack with time delay (-4°F min. operating temperature) ¹⁰	QRS	Quartz restrike system ^{11, 13}	Shipped separately ¹¹	(blank) Dark bronze, textured LPI Lamp included
2ELED	Emergency LED secondary source (two modules) battery pack with time delay (-4°F min. operating temperature) ¹⁰	WLU	Wet location door for up orientation	WG Wire guard	L/LP Less lamp
DFL	Diffusing lens	CSA	CSA certified	VG Vandal guard	
EC	Emergency circuit ^{11, 12}	NOM	NOM certified ²		
IBS	Internal backlight shield ¹²	INTL	International shipment for 175M		
PE	Photoelectric cell-button type (n/a TB) ¹⁴				
				Super Durable Finishes	
				DDBXD Dark bronze	
				DBLXD Black	
				DNAXD Natural aluminum	
				DWHXD White	
				DDBTXD Textured dark bronze	
				DBL BXD Textured black	
				DNATXD Textured natural aluminum	
				DWHGXD Textured white	

Submitting Agency:

Federated Lighting
P: 301-249-0800

Description: **WST 150M FT TB SCWA LPI**

Project: HAYMARKET ICEPLEX ICE ARENA
Notes:

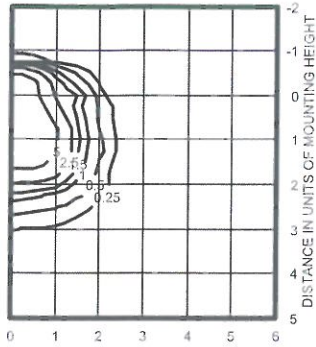
Type:

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WST Metal Halide, High Pressure Sodium Wall Mounted

WST 150MHC FT LTL11069P

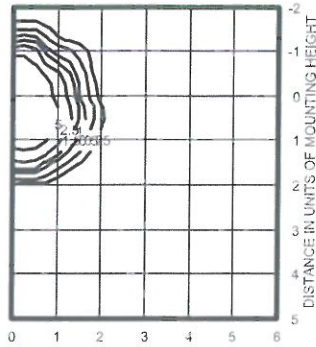
ISOILLUMINANCE PLOT (Footcandle)



150W pulse start metal halide lamp, horizontal lamp orientation Footcandle values based on 12' mounting height, 14000 rated lumens. Luminaire Efficiency: 52.9%

WST 150MHC MD LTL11068P

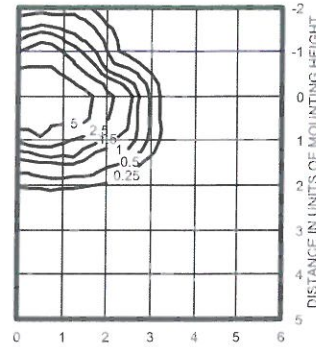
ISOILLUMINANCE PLOT (Footcandle)



150W pulse start metal halide lamp, horizontal lamp orientation Footcandle values based on 12' mounting height, 12500 rated lumens. Luminaire Efficiency: 60.2%

WST 150MHC WT LTL11070P

ISOILLUMINANCE PLOT (Footcandle)



150W pulse start metal halide lamp, horizontal lamp orientation Footcandle values based on 12' mounting height, 14000 rated lumens. Luminaire Efficiency: 62.5%

Lamp	Initial lumens	Mounting height			
		10'	12'	14'	16'
Metal Halide					
50W MH	3,900	0.43	0.30	0.22	0.17
70W MH	5,500	0.62	0.43	0.31	0.24
100W MH	8,500	0.95	0.66	0.48	0.37
150W MH	12,500	1.41	0.98	0.72	0.55
175W MH	12,800	1.44	1.0	0.73	0.56
High Pressure Sodium					
35W HPS	1,250	0.26	0.18	0.13	0.10
50W HPS	4000	0.45	0.31	0.23	0.17
70W HPS	6,400	0.72	0.50	0.37	0.28
100W HPS	9,500	1.07	0.74	0.54	0.41
150W HPS	16,000	1.80	1.25	0.91	0.70

Emergency Option Lamp Compatibility							
Lamp options							
# of lamps/wattage	DC12	2DC12	DC2012	2DC2012	EC	ELED	2ELED
35S	■	■	■	■	■	■	■
50S	■	■	■	■	■	■	■
70S	■	■	■	■	■	■	■
100S	■	■	■	■	■	■	■
150S	■	■	■	■	■	■	■
50M	■	■	■	■	■	■	■
70M	■	■	■	■	■	■	■
100M	■	■	■	■	■	■	■
150M	■	■	■	■	■	■	■
175M	■	■	■	■	■	■	■

Notes

- 120V
- These wattages do not comply with California Title 20 regulations.
- Must specify CWI for use in Canada.
- Optional multi-tap ballast (120, 208, 240, 277V); (120, 277, 347V in Canada; ships as 120V/347V).
- Consult factory for available wattages.
- Available with 150W or 150MHC only.
- May be ordered as an accessory with prefix "WS". Must specify finish.
- Not available with DC options.
- Not available with ELED, SF, DE, EC or QRS.
- Maximum wattage 100W, 70S. Must specify 120V or 277V. Not available with QRS, EC or DC.
- Maximum allowable wattage lamp included.
- Not available with ELED, QRS or DCs.
- Not available with medium throw (MD, MDU, MDUS) distributions.
- Must be ordered with fixings; cannot be field installed.
- Not available with ELED, EC or DCs.
- See www.lithonia.com/archicolors for additional color options.
- Black finish only.
- Must be specified, L/LP not available with MHC.



WST_M_S

Submitting Agency:

Federated Lighting
P: 301-249-0800

Description:

**DSXW1 LED 10C 350 40K T2M 120 VG PE
ELCW ***
Project:
HAYMARKET ICEPLEX ICE ARENA

Notes:

Type:

C



D-Series Size 1 LED Wall Luminaire



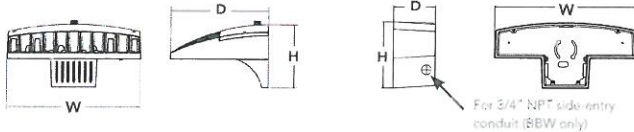
d^{series}

**Specifications
Luminaire**

Width: 13-3/4" (34.9 cm)
Weight: 12 lbs (5.4 kg)
Depth: 10" (25.4 cm)
Height: 6-3/8" (16.2 cm)

Back Box (BBW, ELCW)

Width: 13-3/4" (34.9 cm)
BBW Weight: 5 lbs (2.3 kg)
Depth: 4" (10.2 cm)
ELCW Weight: 10 lbs (4.5 kg)
Height: 6-3/8" (16.2 cm)



Introduction

The D-Series Wall luminaire is a stylish, fully integrated LED solution for building-mount applications. It features a sleek, modern design and is carefully engineered to provide long-lasting, energy-efficient lighting with a variety of optical and control options for customized performance.

With an expected service life of over 20 years of nighttime use and up to 74% in energy savings over comparable 250W metal halide luminaires, the D-Series Wall is a reliable, low-maintenance lighting solution that produces sites that are exceptionally illuminated.

Ordering Information

EXAMPLE: DSXW1 LED 20C 1000 40K T3M MVOLT DDBTXD

DSXW1 LED	10C	350	40K	T2M	120	PE	ELCW
Series	LEDs	Drive Current	Color temperature	Distribution	Voltage	Mounting	Control Options
DSXW1 LED	10C 10 LEDs (one engine)	350 350 mA	30K 3000 K	T2S Type II Short	MVOLT ¹	Shipped included	Shipped installed
	20C 20 LEDs (two engines)	530 530 mA 700 700 mA 1000 1000 mA (1 A)	40K 4000 K 50K 5000 K AMBPC Amber phosphor converted	T2M Type II Medium T3S Type III Short T3M Type III Medium T4M Type IV Medium TFTM Forward Throw Medium ASYDF Asymmetric diffuse	120 ² 208 ³ 240 ³ 277 ³ 347 ³ 480 ³	(blank) Surface mounting bracket BBW Surface-mounted back box (for conduit entry) ⁴	PE Photoelectric cell, button type ⁵ DMG 0-10V dimming driver (no controls) PIR 180° motion/ambient light sensor, <15' mtg ht ⁶ PIRH 180° motion/ambient light sensor, 15-30' mtg ht ⁶ PIRH1FC3V Motion/ambient sensor, 8-15' mounting height, ambient sensor enabled at 1fc ⁶ PIRH1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ⁶ ELCW Emergency battery backup (includes external component enclosure)

VG

Other Options

Finish (required)

Shipped installed	Shipped separately ⁸	Finish (required)	Finish (required)	Finish (required)
SF Single fuse (120, 277 or 347V)	BSW Bird-deterrent spikes	DDBXD Dark bronze	DSSXD Sandstone	DWHGXD Textured white
DF Double fuse (208, 240 or 480V) ⁷	WG Wire guard	DBLXD Black	DOBTXD Textured dark bronze	DSSTXD Textured sandstone
HS House-side shield ⁹	VG Vandal guard	DNAXD Natural aluminum	DBLBXD Textured black	
SPD Separate surge protection ⁹	DDL Diffused drop film	DWHXD White	DNATXD Textured natural aluminum	

Accessories

Ordered and shipped separately.

DSXWSU	House-side shield (one per light engine)
DSXWSHU	Bird-deterrent spikes
DSXWVGU	Wire guard accessory
DSXWVDU	Vandal guard accessory

NOTES

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Specify 120, 208, 240 or 277 options only when ordering with fusing (SF, DF options), or photocontrol (PE option).
- Only available with 20C, 700mA or 1000mA. Not available with PIR or PIRH.
- Back box ships installed on fixture. Cannot be field installed. Cannot be ordered as an accessory.
- Photocontrol (PE) requires 120, 208, 240, 277 or 347 voltage option. Not available with motion/ambient light sensors (PIR or PIRH).
- PIR and PIRH1FC3V specifies the Sensor Switch SBGR-10 ODP control; PIRH specifies the Sensor Switch SBGR-6 ODP control; see Motion Sensor Guide for details. Includes ambient light sensor. Not available with "PE" option (button-type photocell). Dimming driver standard. Not available with 20 LED/1000 mA configuration (DSXW1 LED 20C 1000).
- Cold weather (-20C) rated. Not compatible with conduit entry applications. Not available with BBW mounting option. Not available with fusing. Not available with 347 or 480 voltage options. Emergency components located in back box housing. Emergency mode IES files located on product page at www.lithonia.com
- Single fuse (SF) requires 120, 277 or 347 voltage option. Double fuse (DF) requires 208, 240 or 480 voltage option. Not available with ELCW.
- Also available as a separate accessory; see Accessories information.
- See the electrical section on page 3 for more details.



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Submitting Agency:Federated Lighting
P: 301-249-0800**Description:** DSXW1 LED 10C 350 40K T2M 120 VG PE
Project: ELCW *
Notes: HAYMARKET ICEPLEX ICE ARENA**Type:****C****Performance Data****Lumen Output**

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

LEDs	Drive Current (mA)	System Watts	Dist. Type	30K					40K					50K					AMBER				
				Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
10C (10 LEDs)	350mA	14W	T2S	1,415	0	0	1	101	1,520	0	0	1	109	1,529	0	0	1	109	894	0	0	1	64
			T2M	1,349	0	0	1	96	1,449	0	0	1	104	1,458	0	0	1	104	852	0	0	1	61
			T3S	1,400	0	0	1	100	1,503	0	0	1	107	1,512	0	0	1	108	864	0	0	1	63
			T3M	1,386	0	0	1	99	1,488	0	0	1	106	1,497	0	0	1	107	876	0	0	1	63
			T4M	1,358	0	0	1	97	1,458	0	0	1	104	1,467	0	0	1	105	858	0	0	1	61
			TFM	1,411	0	0	1	101	1,515	0	0	1	108	1,525	0	0	1	109	892	0	0	1	64
			ASYDF	1,262	0	0	1	90	1,355	1	0	1	97	1,363	1	0	1	97	797	0	0	1	57
			T2S	2,054	1	0	1	103	2,205	1	0	1	110	2,219	1	0	1	111	1,264	0	0	1	63
			T2M	1,952	1	0	1	98	2,102	1	0	1	105	2,115	1	0	1	106	1,205	0	0	1	60
			T3S	2,031	0	0	1	102	2,181	0	0	1	109	2,195	0	0	1	110	1,250	0	0	1	63
	T3M	2,010	1	0	1	101	2,159	1	0	1	108	2,172	1	0	1	109	1,237	0	0	1	62		
	T4M	1,970	1	0	1	99	2,115	1	0	1	106	2,128	0	0	1	106	1,212	0	0	1	61		
	TFM	2,047	0	0	1	102	2,198	0	0	1	110	2,212	0	0	1	111	1,260	0	0	1	63		
	ASYDF	1,830	1	0	1	92	1,966	1	0	1	98	1,978	1	0	1	99	1,127	0	0	1	56		
	T2S	2,623	1	0	1	97	2,816	1	0	1	104	2,834	1	0	1	105	1,544	0	0	1	57		
	T2M	2,499	1	0	1	93	2,684	1	0	1	99	2,701	1	0	1	100	1,472	0	0	1	55		
	T3S	2,593	1	0	1	96	2,785	1	0	1	103	2,802	1	0	1	104	1,527	0	0	1	57		
	T3M	2,567	1	0	1	95	2,757	1	0	1	102	2,774	1	0	1	103	1,512	0	0	1	56		
	T4M	2,515	1	0	1	93	2,701	1	0	1	100	2,718	1	0	1	101	1,481	0	0	1	55		
	TFM	2,614	1	0	1	97	2,807	1	0	1	104	2,825	1	0	1	105	1,539	0	0	1	57		
	ASYDF	2,337	1	0	1	87	2,510	1	0	1	93	2,526	1	0	1	94	1,376	0	0	1	51		
	T2S	3,685	1	0	1	92	3,957	1	0	1	99	3,982	1	0	1	100	2,235	1	0	1	58		
	T2M	3,512	1	0	1	88	3,771	1	0	1	94	3,795	1	0	1	95	2,130	1	0	1	55		
	T3S	3,644	1	0	1	91	3,913	1	0	1	98	3,938	1	0	1	98	2,210	1	0	1	57		
	T3M	3,607	1	0	1	90	3,874	1	0	1	97	3,898	1	0	1	97	2,187	1	0	1	56		
	T4M	3,534	1	0	1	88	3,795	1	0	1	95	3,819	1	0	1	95	2,143	1	0	1	55		
	TFM	3,674	1	0	1	92	3,945	1	0	1	99	3,969	1	0	1	99	2,228	1	0	1	57		
	ASYDF	3,284	1	0	1	82	3,527	1	0	1	88	3,549	1	0	1	89	1,991	1	0	1	51		
	T2S	2,820	1	0	1	118	3,028	1	0	1	126	3,047	1	0	1	127	1,777	1	0	1	74		
	T2M	2,688	1	0	1	112	2,886	1	0	1	120	2,904	1	0	1	121	1,693	1	0	1	71		
	T3S	2,782	1	0	1	116	2,995	1	0	1	125	3,013	1	0	1	126	1,757	0	0	1	73		
	T3M	2,761	1	0	1	115	2,964	1	0	1	124	2,983	1	0	1	124	1,739	1	0	1	72		
	T4M	2,705	1	0	1	113	2,904	1	0	1	121	2,922	1	0	1	122	1,704	1	0	1	71		
	TFM	2,811	1	0	1	117	3,019	1	0	1	126	3,038	1	0	1	127	1,771	0	0	1	74		
	ASYDF	2,513	1	0	1	105	2,699	1	0	1	112	2,716	1	0	1	113	1,584	1	0	1	66		
	T2S	4,079	1	0	1	113	4,380	1	0	1	122	4,408	1	0	1	122	2,504	1	0	1	70		
	T2M	3,887	1	0	1	108	4,174	1	0	1	116	4,200	1	0	1	117	2,387	1	0	1	66		
	T3S	4,034	1	0	1	112	4,332	1	0	1	120	4,359	1	0	1	121	2,477	1	0	1	69		
	T3M	3,993	1	0	1	111	4,288	1	0	1	119	4,315	1	0	1	120	2,451	1	0	1	68		
	T4M	3,912	1	0	1	109	4,201	1	0	1	117	4,227	1	0	1	117	2,402	1	0	1	67		
TFM	4,066	1	0	1	113	4,367	1	0	1	121	4,394	1	0	1	122	2,496	1	0	1	69			
ASYDF	3,635	1	0	1	101	3,904	1	0	1	108	3,928	1	0	1	109	2,332	1	0	1	62			
T2S	5,188	1	0	1	110	5,571	1	0	1	119	5,606	1	0	1	119	3,065	1	0	1	65			
T2M	4,945	1	0	1	105	5,310	1	0	1	113	5,343	1	0	1	114	2,921	1	0	1	62			
T3S	5,131	1	0	1	109	5,510	1	0	1	117	5,544	1	0	1	118	3,031	1	0	1	64			
T3M	5,079	1	0	1	108	5,454	1	0	1	116	5,488	1	0	1	117	3,000	1	0	1	64			
T4M	4,976	1	0	1	106	5,343	1	0	1	114	5,377	1	0	1	114	2,939	1	0	1	63			
TFM	5,172	1	0	1	110	5,554	1	0	1	118	5,589	1	0	1	119	3,055	1	0	1	65			
ASYDF	4,624	1	0	1	98	4,966	1	0	1	106	4,997	1	0	1	106	2,732	1	0	1	58			
T2S	7,205	1	0	1	97	7,736	1	0	1	105	7,785	1	0	1	105	4,429	1	0	1	61			
T2M	6,866	1	0	1	93	7,373	1	0	1	100	7,419	1	0	1	100	4,221	1	0	1	58			
T3S	7,124	1	0	1	96	7,650	1	0	1	103	7,698	1	0	1	104	4,380	1	0	1	60			
T3M	7,052	1	0	1	95	7,586	1	0	1	102	7,620	1	0	1	103	4,335	1	0	1	59			
T4M	6,910	1	0	1	93	7,420	1	0	1	100	7,466	1	0	1	101	4,248	1	0	1	58			
TFM	7,182	1	0	1	97	7,712	1	0	1	104	7,760	1	0	1	105	4,415	1	0	1	60			
ASYDF	6,421	1	0	1	87	6,895	1	0	1	93	6,938	1	0	1	94	3,947	1	0	1	54			

Submitting Agency:

Federated Lighting
P: 301-249-0800

Description:

DSXW1 LED 10C 350 40K T2M 120 VG PE
ELCW *
HAYMARKET ICEPLEX ICE ARENA

Project:
Notes:

Type:

C

Performance Data

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient	Lumen Multiplier
0°C	1.02
10°C	1.01
20°C	1.00
25°C	1.00
30°C	1.00
40°C	0.98

Electrical Load

LEDs	Drive Current (mA)	System Watts	Current (A)					
			120V	208V	240V	277V	347V	480V
10C	350	14 W	0.13	0.07	0.06	0.06	-	-
	530	20 W	0.19	0.11	0.09	0.08	-	-
	700	27 W	0.25	0.14	0.13	0.11	-	-
	1000	40 W	0.37	0.21	0.19	0.16	-	-
20C	350	24 W	0.23	0.13	0.12	0.10	-	-
	530	36 W	0.33	0.19	0.17	0.14	-	-
	700	47 W	0.44	0.25	0.22	0.19	0.15	0.11
	1000	74 W	0.69	0.40	0.35	0.30	0.23	0.17

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the **DSXW1 LED 20C 1000** platform in a **25°C ambient**, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

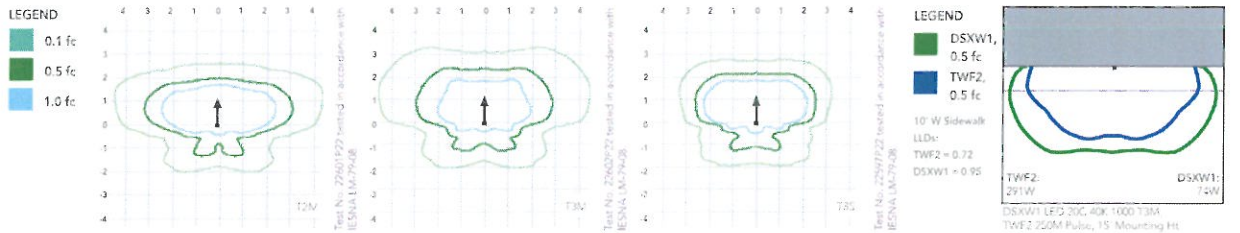
To calculate LMF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	0.95	0.93	0.88

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's **D-Series Wall Size 1** homepage.

Isocandela plots for the DSXW1 LED 20C 1000 40K. Distances are in units of mounting height (15').



Options and Accessories



FEATURES & SPECIFICATIONS

INTENDED USE

The energy savings, long life and easy-to-install design of the D-Series Wall Size 1 make it the smart choice for building-mounted doorway and pathway illumination for nearly any facility.

CONSTRUCTION

Two-piece die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. Modular design allows for ease of maintenance. The LED driver is mounted to the door to thermally isolate it from the light engines for low operating temperature and long life. Housing is completely sealed against moisture and environmental contaminants (IP65).

FINISH

Exterior parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Available in textured and non-textured finishes.

OPTICS

Precision-molded proprietary acrylic lenses provide multiple photometric distributions tailored specifically to building-mounted applications. Light engines are available in 3000 K (70 min. CRI), 4000 K (70 min. CRI) or 5000 K (70 min. CRI) configurations.

ELECTRICAL

Light engines consist of 10 high-efficacy LEDs mounted to a metal-core circuit board to maximize heat dissipation and promote long life (L80/100,000 hrs at 25°C). Class 1 electronic drivers have a

power factor >90%, THD <20%, and a minimum 2.5KV surge rating. When ordering the SPD option, a separate surge protection device is installed within the luminaire which meets a minimum Category C Low (per ANSI/IEEE C62.41.2).

INSTALLATION

Included universal mounting bracket attaches securely to any 4" round or square outlet box for quick and easy installation. Luminaire has a slotted gasket wireway and attaches to the mounting bracket via corrosion-resistant screws.

LISTINGS

CSA certified to U.S. and Canadian standards. Rated for -40°C minimum ambient.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

WARRANTY

Five-year limited warranty. Complete warranty terms located at www.acuitybrands.com/CustomResources/terms_and_conditions.aspx

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25°C. Specifications subject to change without notice.

